CYCLE II EXTERNAL
ENVIRONMENTAL COMPLIANCE ASSESSMENT
PRELIMINARY FINDINGS REPORT

WEST THOMPSON LAKE
North Grosvenordale, Connecticut

MANSFIELD HOLLOW LAKE
Mansfield Center, Connecticut

U.S. Army Corps of Engineers
New England District
424 Trapelo Road
Waltham, Massachusetts
02254-9149

August 1997

US Army Corps of Engineers®

New England District

For Inter Corps Distribution Only

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MEMORANDUM FOR Environmental Compliance Coordinator, NAE

SUBJECT: Environmental Compliance Assessment of West Thompson Lake and Mansfield Hollow Lake

1. Attached please find the Cycle II Preliminary Findings Report for the environmental compliance assessment conducted at West Thompson Lake and Mansfield Hollow Lake on 29 April 1997.

2. A draft report was prepared and furnished to the Basin and Project Manager for comment on 9 July 1997. Their comments have been incorporated into the final report.

3. I recommend your approval for implementation.

Jeff Deyette
Operations Technical
Support Section

Encl

CMT 2

1. Environmental Compliance Assessment of North Springfield Lake is:

Approved X Disapproved_____ for implementation as stated.

Bruce Williams, ECC
Operations Technical
Support Section

EXECUTIVE SUMMARY

An environmental compliance assessment of West Thompson Lake and Mansfield Hollow Lake was conducted by a team of New England District environmental professionals on 29 April 1997. This was a Cycle II External Assessment. The Cycle I External Assessment was conducted from 30 March to 3 April 1992.

The assessment was conducted as part of the U.S. Army Corps of Engineers Environmental Review Guide for Operations (ERGO) program. The ERGO program, developed by the U.S. Army establishes the use of environmental compliance assessments to ensurecompliance with all applicable Federal, state, local, Department of Defense, and U.S. Army environmental laws and regulations.

A comprehensive ERGO assessment considers 13 major environmental compliance categories. For each category, Federal, State and local laws, Department of Defense and U.S. Army Corps of Engineers regulations, and good management practices are reviewed.

Overall the project was well maintained and organized. The summary of deficiencies at West Thompson Lake and Mansfield Hollow Lake is as follows:

Significant Deficiencies - Problems that pose a direct and immediate threat to human health, safety, the environment or the facility's mission, and require immediate attention.
West Thompson Lake - 0
Mansfield Hollow Lake - 0

Major Deficiencies - Problems that require action, but not necessarily immediate action, and pose a threat to human health, safety or the environment.
West Thompson Lake - 0
Mansfield Hollow Lake - 0

Minor Deficiencies - Deficiencies that are usually administrative in nature. These problems require monitoring or planning for future mitigation.
West Thompson Lake - 7
Mansfield Hollow Lake - 9

Management Practice - Items noted are not specifically covered by a distinctive regulatory requirement; however, they still require management attention.
West Thompson Lake - 1
Mansfield Hollow Lake - 2

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THE ERGO PROGRAM

The U.S. Army Corps of Engineers initiated the Environmental Review Guide for Operations (ERGO) program as a comprehensive self-evaluation and program management system for achieving, maintaining, and monitoring compliance with environmental laws and regulations at Corps of Engineers projects and facilities. Objectives of the ERGO program are to:

1) Enhance Corps of Engineers environmental compliance at Federal, State and local levels.

2) Improve Corps of Engineers environmental management.

3) Build supporting financial programs and budgets.

4) Assure supervisors that their environmental programs are being implemented effectively in accordance with Corps of Engineers goals and objectives.

Periodic environmental compliance assessments have been deemed necessary. These evaluations are designed to assess environmental compliance and provide necessary feedback to Project Managers for organizing, directing, and controlling environmental compliance and protection activities.

New England District's (NAE's) ERGO program became operational in 1991. Because it is responsible for the majority of USACE facilities, Construction/Operations Directorate is tasked with the development and implementation of the ERGO program. Every five years, each NAE project undergoes an external environmental compliance assessment. This assessment is conducted by a team of environmental professionals. Every NAE project has already had one external environmental compliance assessment. The assessment described in this report is the second external assessment for these projects, and is therefore known as a Cycle II External Environmental Compliance Assessment. The projects themselves are responsible for performing an internal self-assessment annually, with the exception of those years when an external assessment is being completed.

ASSESSMENT PROCEDURES

The ERGO assessment of West Thompson Lake and Mansfield Hollow Lake was conducted by an eight person team comprised of NAE personnel, and took place on 29 April 1997. The team followed a three phase approach. The first phase was to obtain pre-assessment information concerning on-site activities (see Appendix A - Previsit Questionnaires) and research applicable Federal, State and local environmental regulations. This culminated in the development of site/facility-specific categories. In addition, a list of environmental compliance issues identified by the ERGO Program Manager as areas of special emphasis was distributed to the Project Manager prior to the on-site visit (see Appendix B - Special Emphasis Areas List).

The second phase involved the on-site portion of the assessment. This involved an interview with project staff, followed by a facility tour, including major outgrants, to obtain a general overview of the facility operations. Typically, the Project Manager briefed the ERGO team on compliance with the special emphasis areas list and initiated discussion concerning any further compliance issues. Once the initial interview with project staff concluded, the ERGO team visited areas of the facility deemed necessary. When possible, all deficiencies were reported to facility personnel. The team concluded the on-site portion of the assessment by briefing the project staff to apprise them of the review team's preliminary findings.

The third phase involves writing a draft report and developing an action plan for addressing outstanding deficiencies. The evaluation of West Thompson Lake and Mansfield Hollow Lake followed the above procedures and covered the elements set forth in the 13 ERGO compliance categories.

The assessment was conducted in accordance with the best professional judgement of the ERGO team members. It should be understood that the assessment is based on observations taken over a short span of time relative to the period under review. Efforts were directed toward reviewing major facets of environmental performance in the period covered and, therefore, it is important to recognize that this assessment may not necessarily identify all potential problems.

Successful completion of the site-specific environmental evaluation of West Thompson Lake and Mansfield Hollow Lake was dependent on complete disclosure by project staff and outgrantees of all information regarding the operation and maintenance activities at the project. It should be noted that failure of a manager to provide complete or adequate information to the review team does not relieve the manager of the responsibility for compliance with environmental regulations.

ERGO PROGRAM OBJECTIVES

The Environmental Review Guide for Operations (ERGO) program guidance is embodied primarily in two publications: The Environmental Assessment and Management (TEAM) Guide, applicable to participating DoD components, including the U.S. Army Corps of Engineers (USACE), and the Supplement to The Environmental Assessment and Management (TEAM) Guide, applicable to Corps of Engineers Civil Works activities, operating projects and floating plant, including outgranted lands and concessions. In addition, a state-specific supplement was available for Connecticut.

Objectives of the TEAM Guide are as follows:

1. Compile applicable Federal regulations with DoD component operations and activities.

2. Synthesize environmental regulations, management practices, and risk management issues into consistent and easy to use checklists.

3. Serve as an aid in the assessment process and management action development phases of DoD component environmental assessment programs.

Objectives of the Supplement to the TEAM Guide are as follows:

1. Compile applicable DoD regulations, and Engineer Regulations (ERs) associated with USACE operations and activities.

2. Synthesize regulations, management practices, and risk management issues into consistent and easy-to-use checklists.

3. Serve as a reference document and educational tool for daily operations.

4. Serve as a guide for implementing the U.S. Army Environmental Strategy Into the 21st Century, which emphasizes environmental stewardship as an integral of everything the USACE does.

DESCRIPTION OF REGULATORY COMPLIANCE

This section of the report presents a summary of findings in those categories that are governed by engineering regulations, engineering manuals, and Federal, state, and local regulations. Non-regulatory items, which are referred to in this report as management practices, are of a lower priority but require attention to correct.

Deficiencies noted in this evaluation will be categorized as follows:

SIGNIFICANT DEFICIENCY:

A problem categorized as significant requires immediate attention. It poses, or has a high likelihood to pose, a direct and immediate threat to human health, safety, the environment, or the facility's mission.

MAJOR DEFICIENCY:

A major deficiency requires action, but not necessarily immediate action. Major deficiencies may pose a threat to human health, safety or the environment. Any immediate threat, however, must be categorized as significant.

MINOR DEFICIENCY:

Minor deficiencies are usually administrative in nature, even though those findings might possibly result in a notice of violation. This category may also include temporary or occasional instances of noncompliance.

MANAGEMENT PRACTICE:

Management practice items are those for which there is no specific regulatory requirement; however they still require management attention.

SUMMARY OF DEFICIENCIES BY CATEGORY

West Thompson Lake

ERGO Compliance Categories	Findings			
	Significant	Major	Minor	Management Practice
Air Emissions Management	0	0	0	0
Cultural Resources Management	0	0	1	0
Hazardous Materials Management	0	0	0	0
Hazardous Waste Management	0	0	0	0
Natural Resources Management	0	0	3	1
Other Environmental Issues	0	0	0	0
Pesticide Management	0	0	0	0
POL Management	0	0	1	0
Solid Waste Management	0	0	1	0
Storage Tank Management	0	0	0	0
Toxic Substances Management	0	0	0	0
Wastewater Management	0	0	1	0
Water Quality Management	0	0	0	0
Totals	0	0	7	1

Mansfield Hollow Lake

ERGO Compliance Categories	Findings			
	Significant	Major	Minor	Management Practice
Air Emissions Management	0	0	0	0
Cultural Resources Management	0	0	1	0
Hazardous Materials Management	0	0	0	0
Hazardous Waste Management	0	0	0	0
Natural Resources Management	0	0	4	1
Other Environmental Issues	0	0	0	0
Pesticide Management	0	0	0	0
POL Management	0	0	1	0
Solid Waste Management	0	0	1	0
Storage Tank Management	0	0	0	0
Toxic Substances Management	0	0	0	0
Wastewater Management	0	0	1	1
Water Quality Management	0	0	1	0
Totals	0	0	9	2

AIR EMISSIONS MANAGEMENT

No Findings

CULTURAL RESOURCES MANAGEMENT

Cultural Resources Management

Narrative- West Thompson Lake

West Thompson Lake has had an archaeological reconnaissance survey completed in 1980 by the Public Archaeology Survey Team (PAST) from the University of Connecticut. As a result of this survey, sixteen prehistoric sites, four primary historic sites or areas, as well as additional secondary historic sites were identified. Recommendations are specified in detail within the Archaeological Reconnaissance report and will not be repeated verbatim here. It is recommended that all sixteen prehistoric sites as well as all areas of high and moderate archaeological sensitivity be subjected to a Phase I intensive level archaeological survey. Testing around the conservation pool was also recommended in order to ascertain the presence of any sites and to determine what effect erosion and inundation may be having on these resources. The historic sites were divided into two classes, primary sites which include the Ramsdell Farm, West Thompson Village, Fabyan Village, and Elliot's Sawmill, and other secondary sites including the Ravenelle Road Pond Dam, Arnold's barn, and other farmsteads and dams which were identified in the report. Specific recommendations focus on the primary historic sites and further evaluation and research at those above sites.

Aside from the need for an intensive archaeological survey and further evaluation studies of identified sites as recommended in the Reconnaissance survey as proper management of cultural resources for West Thompson Lake, the only other issue of concern regarding cultural resources raised by the Project Manager was possible erosion, ice damage, and pool level fluctuations around the lake. This should be addressed, if not sooner, than during completion of the Historic Properties Management Plan (HPMP) or the intensive level survey.

It is recommended that a NAE archaeologist be consulted prior to any of the following management activities: new agricultural leases, new wildlife food plots, construction of restroom facilities, picnic shelters or recreational areas, parking lot expansion, new sand or gravel mining areas, timber removal using heavy equipment, real estate outgrants, activities which disturb the topsoil, and other special use permits which may disturb areas. At the conclusion of the intensive archaeological survey and evaluation studies, project staff will have information concerning all known and documented historic and archaeological sites and resources at West Thompson Lake. This information will facilitate review of the above activities and form the basis for the evaluation of sites which may be significant and eligible for listing on the National Register of Historic Places.

Project staff should periodically monitor the study area and become familiar with signs of archaeological evidence including bridge remains, old roads, foundations, cellar holes, wells, fieldstone walls, ornamental trees, mill sites including dams, head and tailraces and other man-

made modifications (historic sites) and stone tool chipping debris, projectile points ("arrowheads"), bones, fire pits, clay pots, and stone tools (prehistoric sites). Staff should also monitor for erosion from flooding, the looting of cultural resources from river banks or other areas (bottle hunting), and for damage to the soil from offroad all-terrain vehicles or trails. Recently plowed fields and low reservoir pools are also of interest as evidence of archaeological sites may be visible and can be easily collected at this time.

According to the Project Manager, funding is projected for the completion of a Historic Properties Management Plan (HPMP) in FY 2001 and for the evaluation of identified sites and areas (Phase I intensive) for FY 2003. We would recommend that these projections be fulfilled and that the recommendations noted within the Archaeological Reconnaissance be addressed for proper cultural resource management of West Thompson Lake. The recent erosion, ice damage, and pool fluctuations noted for the project area may be impacting significant sites and should be addressed as soon as possible.

FINDING SUMMARY

INDIVIDUAL FINDING SHEET

19760 CT WEST THOMPSON LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

West Thompson Lake lacks an intensive level archaeological survey and further evaluation studies of all identified historic and archaeological resources and areas of archaeological sensitivity as indicated within the Archaeological Reconnaissance survey completed in 1980 by the Public Archaeology Survey Team (PAST) at the University of Connecticut.

Criteria (What is the actual requirement?)
C.5.1. All Federal agencies are required to establish a program to locate, inventory, and nominate to the SOI all properties under the agency's ownership or control that appear to qualify for inclusion on the National Register of Historic Places (36 CFR 60.9).

Suggested Solutions:
Currently, a Historic Properties Management Plan (HPMP), which would document the identified sites and recommend and scope further preservation studies, is slated for FY 2001. Funding for further evaluation studies ($100,000) is available for FY 2003.

Comments:
Removal of the Ramsdell House is not included within this assessment. Further evaluation studies would follow recommendations noted within the 1980 PAST report for prehistoric and historic sites. Until these studies are complete, cultural resources should be dealt with on a case-by-case basis.

Cultural Resources Management

Narrative- Mansfield Hollow Lake

Mansfield Hollow Lake has had an archaeological reconnaissance survey completed in 1994 by the Public Archaeology Laboratory, Inc. As a result of this survey, a total of 34 prehistoric archaeological sites and 27 historic archaeological sites were identified. In addition, 8 documented historic sites were unidentified in the field. Recommendations are specified in detail within the Archaeological Reconnaissance report and will not be repeated verbatim here. It is recommended that all prehistoric and historic sites as well as all areas of high and moderate archaeological sensitivity be subjected to further evaluation studies and a Phase I intensive level archaeological survey. Survey around the 40-acre drought pool also found three additional prehistoric sites, two of which are potentially National Register eligible. Avoidance and protective measures were recommended for all known site locations and archaeologically sensitive areas documented for Mansfield Hollow Lake.

Due to the wealth of resources, it is recommended that further evaluation studies and an intensive level (Phase I) archaeological survey be completed for all known and identified sites and archaeologically sensitive areas. Until that time, management activities should be reviewed by a New England District archaeologist prior to implementation.

Aside from the need for an intensive archaeological survey and further evaluation studies of identified sites as recommended in the Reconnaissance survey as proper management of cultural resources for Mansfield Hollow Lake, the only other issue of concern regarding cultural resources is the possible impact to sites from erosion, ice damage, and pool fluctuations which were above average this past spring. This is further addressed below.

It is recommended that an NAE archaeologist be consulted prior to any of the following management activities: new agricultural leases, new wildlife food plots, construction of restroom facilities, picnic shelters or recreational areas, parking lot expansion, new sand or gravel mining areas, timber removal using heavy equipment, real estate outgrants, activities which disturb the topsoil, and other special use permits which may disturb areas. At the conclusion of the intensive archaeological survey and evaluation studies, project staff will have information concerning all known and documented historic and archaeological sites and resources at Mansfield Hollow Lake. This information will facilitate review of the above activities and form the basis for the evaluation of sites which may be significant and eligible for listing on the National Register of Historic Places.

The recent erosion, ice damage, and large pool fluctuations noted for the study area is a concern as previously documented and undocumented archaeological resources may be undergoing deterioration and physical and chemical changes as a result. It is important that further evalution and/or intensive archaeological studies be completed as soon as possible in order to document the effects of these events and to ascertain methods of preservation or mitigation, if necessary.

Project staff should periodically monitor the study area and become familiar with signs of archaeological evidence including bridge remains, old roads, foundations, cellar holes, wells, fieldstone walls, ornamental trees, mill sites including dams, head and tailraces and other man-made modifications (historic sites) and stone tool chipping debris, projectile points ("arrowheads"), bones, fire pits, clay pots, and stone tools (prehistoric sites). Staff should also monitor for erosion from flooding, the looting of cultural resources from river banks or other areas (bottle hunting), and for damage to the soil from offroad all-terrain vehicles or trails. Recently plowed fields and low reservoir pools are also of interest as evidence of archaeological sites can be easily collected at this time.

According to the Project Manager, funding is projected for the completion of a Historic Properties Management Plan (HPMP) and for the evaluation of identified sites and areas (Phase I intensive) for FY 2001. We would recommend that these projections be fulfilled and that the recommendations noted within the Archaeological Reconnaissance be addressed for proper cultural resource management of West Thompson Lake. The recent erosion, ice damage, and pool fluctuations noted for the project area may be impacting significant sites and should be addressed as soon as possible.

FINDING SUMMARY

INDIVIDUAL FINDING SHEET

10560 CT MANSFIELD HOLLOW LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

Mansfield Hollow Lake lacks an intensive level archaeological survey and further evaluation studies of identified sites and sensitive areas. An archaeological reconnaissance survey was completed by the Public Archaeology Laboratory, Inc. in 1994.

Criteria (What is the actual requirement?)
C.5.1. All Federal agencies are required to establish a program to locate, inventory, and nominate to the SOI all properties under the agency's ownership or control that appear to qualify for inclusion on the National Register of Historic Places (36 CFR 60.9).

Suggested Solutions:
Currently, a Historic Properties Management Plan (HPMP) is scheduled for FY 2001 and funding is projected for further evaluation studies and an intensive survey also in FY 2001 ($75,000). If possible, these studies should be completed as scheduled.

Comments:
THe HPMP will document all identified sites and potentially sensitive areas and outline a program of preservation and management. This plan can then be dealt with on a case-by-case basis.

HAZARDOUS MATERIALS MANAGEMENT

No Findings

HAZARDOUS WASTE MANAGEMENT

No Findings

NATURAL RESOURCES MANAGEMENT

Natural Resources Management

Narrative- West Thompson Lake

The majority of natural resources compliance issues involve the preparation of documents and surveys (EA and threatened/endangered species survey). The wetland survey was completed in FY 1995. This project has an approved OMP dated December 1994 which contains Forest, Fish and Wildlife Management Plans. One omission to the Fish and Wildlife Management Plan is a formal survey of threatened/endangered species. This information is necessary to complete a plan for the maintenance, restoration or protection of habitat favorable to threatened/endangered species. A threatened/endangered species inventory is scheduled for FY 1999 and should be included in the next OMP update. The project has identified some areas of erosion in public use areas which require remediation. A plan to stabilize the shoreline with vegetative planting was designed by the project staff in consultation with the Natural Resources Conservation Service (see Appendix 3). Runoff from the boat ramp parking lot was also identified as an erosion problem and regrading is scheduled for FY 1997 (see Appendix 3).

INDIVIDUAL FINDING SHEET

19760 CT WEST THOMPSON LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

The Environmental Assessment (EA) for the Operation and Maintenance of West Thompson Lake was prepared in 1977 and does not adequately describe existing resources, activities, or impacts.

Criteria (What is the actual requirement?)

An updated EA/FONSI assessing impacts of current operation and maintenance of the Mansfield Hollow Lake project on existing conditions is necessary to comply with the National Environmental Policy Act (NEPA) of 1969.

Suggested Solutions:

Update the project EA.

Comments:

The Project Manager has currently scheduled an update of the EA for FY 1999.

INDIVIDUAL FINDING SHEET

19760 CT WEST THOMPSON LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

The project lacks a threatened/endangered species survey.

Criteria (What is the actual requirement?)
NR.9. Emphasis should be placed on the maintenance and restoration of habitat favorable to the production of indigenous fish and wildlife.

Suggested Solutions:
Conduct survey of project for rare/protected species and rare plant communities. Develop management plan to protect rare species and communities.

Comments:
The Project Manager has scheduled the completion of the survey in FY 1999.

FINDING SUMMARY

INDIVIDUAL FINDING SHEET

19760 CT WEST THOMPSON LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

Runoff from the West Thompson Lake boat ramp parking lot has caused erosion and sedimentation into the lake.

Criteria (What is the actual requirement?)
NR.5. A protective vegetative cover or other measures shall be provided to control dust and erosion damage to land (ER 1130-2-400, para 11(c) and EM 1110-1-400, para 5-4).

Suggested Solutions:
Erosion control measures should be taken to prevent further sedimentation of the lake and damage to the boat ramp parking lot.

Comments:
The Project Manager has identified the problem and has scheduled a project to regrade the parking area during FY 1998 to prevent further erosion.

FINDING SUMMARY

INDIVIDUAL FINDING SHEET

19760 CT WEST THOMPSON LAKE

Type of Finding: NEGATIVE Finding Category: MANAGEMENT PRACTICE

Condition (What did you find?)

Periodic inspections and other operation and maintenance activities require closure of gates and reduction in outflow to very low levels. Flows are usually restricted to less than one hour. Reservoir control plans do not include measures to minimize impacts of gate closures on downstream aquatic life.

Criteria (What is the actual requirement?)
NR.9. Emphasis should be placed on the maintenance and restoration of habitat favorable to the production of indigenous fish and wildlife.

Suggested Solutions:
Reservoir control plans should include a SOP to assure that planned (non-emergency) closures for routine inspections and maintenance are conducted in a manner which minimizes impacts to downsteam aquatic life. Non-emergency inspections and maintenance of the conduit should be scheduled during low flow periods and during early morning or late afternoon to minimize stream warming. Flows should be gradually reduced to minimize stranding of downstream aquatic life.

Comments:
The downstream impacts on biological resources associated with non-emergency closures will be addressed in the Environmental Assessment. Coordination with state and Federal resource agencies will be included.

FINDING SUMMARY

INDIVIDUAL FINDING SHEET

19760 CT WEST THOMPSON LAKE

7- 8-1997

Type of Finding: POSITIVE

Finding Category: MANAGEMENT PRACTICE

Condition (What did you find?)

Areas of bare and eroding soils were identified adjacent to a hiking trail north of the boat ramp. Remedial actions have been initiated.

Criteria (What is the actual requirement?)
NR.5. A protective vegetative cover or other measures shall be provided to control dust and erosion damage to land (ER 1130-2-400, para 11(c) and EM 1110-1-400, para 5-4).

Suggested Solutions:

Comments:
The area has been stabilized, sloped, and seeded (See Appendix 3).

Natural Resources Management

Narrative- Mansfield Hollow Lake

The majority of natural resources compliance issues involve the preparation of documents and surveys (EA, wetland survey, and threatened/endangered species survey). This project has an approved OMP dated December 1994 which contains Forest, Fish and Wildlife Management Plans. One omission to the Fish and Wildlife Management Plan is a formal survey of threatened/endangered species. This information is necessary to complete a plan for the maintenance, restoration or protection of habitat favorable to threatened/endangered species. A threatened/endangered species inventory is scheduled for FY 1999 and should be included in the next OMP update. In addition, a wetland survey is scheduled during FY 1999 and will be included in the EA. An erosion survey was conducted and a determination was made that no remediation is necessary at this time.

Approximately 1,000 square feet (approximately 380 cubic yards) of fill was placed in wetlands near the parking lot of the State Park Headquarters (see Appendix 3). This area was filled by the state to expand the parking area without acquiring the necessary permits. The state should coordinate with applicable state and Federal agencies to determine environmental compliance requirements and design a remediation plan (either removal of fill or mitigation). The remediation plan is subject to review and approval the U.S. Army Corps of Engineers. The state is responsible for acquiring all necessary permits for this action.

INDIVIDUAL FINDING SHEET

10560 CT MANSFIELD HOLLOW LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

The Environmental Assessment for the operation and maintenance of Mansfield Hollow Lake was prepared in 1977 and does not adequately describe existing resources, activities, or impacts.

Criteria (What is the actual requirement?)

An updated EA/FONSI assessing impacts of current operation and maintenance of the Mansfield Hollow Lake project on existing conditions is necessary to comply with the National Environmental Policy Act (NEPA) of 1969.

Suggested Solutions:
Update the project EA.

Comments:
The Project Manager has scheduled an update of the EA for FY 1999.

INDIVIDUAL FINDING SHEET

10560 CT MANSFIELD HOLLOW LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

The project lacks a threatened/endangered species survey.

Criteria (What is the actual requirement?)
NR.9. Emphasis should be placed on the maintenance and restoration of habitat favorable to the production of indigenous fish and wildlife.

Suggested Solutions:
Conduct survey of project for rare/protected species and rare plant communities. Develop management plan to protect rare species and communities.

Comments:
The Project Manager has scheduled the completion of the survey in FY 1999.

INDIVIDUAL FINDING SHEET

10560 CT MANSFIELD HOLLOW LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

Wetlands at the project have not been identified and protected.

Criteria (What is the actual requirement?)
NR.7. Floodplains and wetlands should be identified and protected.

Suggested Solutions:
Map wetland and wetland community types.

Comments:
The Project Manager has scheduled a wetland survey for FY 1999.

INDIVIDUAL FINDING SHEET

10560 CT MANSFIELD HOLLOW LAKE

Type of Finding: NEGATIVE

Finding Category: MANAGEMENT PRACTICE

Condition (What did you find?)

Periodic inspections and other operation and maintenance activities require closure of gates and reduction in outflow to very low levels. Flows are usually restricted to less than one hour. Reservoir control plans do not include measures to minimize impacts of gate closures on downstream aquatic life.

Criteria (What is the actual requirement?)
NR.9. Emphasis should be placed on the maintenance and restoration of habitat favorable to the production of indigenous fish and wildlife.

Suggested Solutions:
Reservoir control plans should include a SOP to assure that planned (non-emergency) closures for routine inspections and maintenance are conducted in a manner which minimizes impacts to downstream aquatic life. Non-emergency inspections and maintenance of the conduit should be scheduled during low flow periods and during early morning or late afternoon to minimize stream warming. Flows should be reduced gradually to minimize stranding of downstream aquatic life.

Comments:
The downstream impacts on biological resources associated with non-emergency closures will be addressed in the Environmental Assessment. Coordination with state and Federal resource agencies will be included.

INDIVIDUAL FINDING SHEET

10560 CT MANSFIELD HOLLOW LAKE
Outgrant

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

Wetlands near the State Park Headquarters have been filled without proper permits.

Criteria (What is the actual requirement?)
NR.3.1. All installations/CW facilities are required to comply with state and local regulations concerning natural resources management (EO 12088, Section 1-1; 16 USC 1531(c)).

NR.5.1. Department of the Army permits are required for the discharge of dredged or fill material into waters of the United States (33 CFR 323.3(a) and 323.3(b)) [June 1996].

Suggested Solutions:
The state should coordinate with appropriate state and Federal agencies to determine environmental compliance requirements and develop a remediation plan (either remove fill or mitigate). The remediation plan is subject to review and approval by the U.S. Army Corps of Engineers and the state should acquire all necessary permits.

Comments:
Approximate amount of fill to be removed is 380 cubic yards.

OTHER ENVIRONMENTAL ISSUES

No Findings

PESTICIDE MANAGEMENT

No Findings

PETROLEUM, OIL AND LUBRICANT MANAGEMENT

FINDING SUMMARY

INDIVIDUAL FINDING SHEET

19760 CT WEST THOMPSON LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

The project does not perform mock spill events for potential petroleum and hazardous substances discharges (spills) in accordance with approved Spill Prevention, Control, and Countermeasures Plan and Spill Contingency Plan (SPCCP/SCP).

Criteria (What is the actual requirement?)
PO.10.3. Facilities that are required to have a response plan are also required to develop and implement a facility response training program and a drill/exercise program that meet specific parameters (40 CFR 112.21).

Suggested Solutions:
Perform mock spill event and training exercises.

Comments:
The Basin Manager should continue the facility response training program, ensuring that all permanent project staff has attended first responder training, and that a drill/exercise program is implemented. The Project Manager has scheduled a mock spill event for FY 1998.

FINDING SUMMARY

INDIVIDUAL FINDING SHEET

10560 CT MANSFIELD HOLLOW LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

The project does not perform mock spill events for potential petroleum and hazardous substances discharges (spills) in accordance with approved Spill Prevention, Control, and Countermeasures Plan and Spill Contingency Plan (SPCCP/SCP).

Criteria (What is the actual requirement?)
PO.10.3. Facilities that are required to have a response plan are also required to develop and implement a facility response training program and a drill/exercise program that meet specific parameters (40 CFR 112.21).

Suggested Solutions:
Perform mock spill events and training exercises.

Comments:
The Basin Manager should continue the facility response training program, ensuring that all permanent project staff has attended first responder training, and that a drill/exercise program is implemented. The Project Manager has scheduled a mock spill event for FY 1998.

SOLID WASTE MANAGEMENT

FINDING SUMMARY

INDIVIDUAL FINDING SHEET

19760 CT WEST THOMPSON LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

The project does not have a Solid Waste Management Plan.

Criteria (What is the actual requirement?)

AR 200-1 Chapter 5-10 requires the installation of an Integrated Solid Waste Management Plan.

Suggested Solutions:
Develop a Solid Waste Management Plan.

Comments:
The Project Manager has scheduled a Solid Waste Management Plan to be written in FY 1998.

FINDING SUMMARY

INDIVIDUAL FINDING SHEET

10560 CT MANSFIELD HOLLOW LAKE

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

The project does not have a Solid Waste Management Plan.

Criteria (What is the actual requirement?)

AR 200-1 Chapter 5-10 requires the installation of an Integrated Solid Waste Management Plan.

Suggested Solutions:
Develop a Solid Waste Management Plan.

Comments:
The Project Manager has scheduled a Solid Waste Management Plan to be written in FY 1998.

STORAGE TANK MANAGEMENT

No Findings

TOXIC SUBSTANCES MANAGEMENT

No Findings

WASTEWATER MANAGEMENT

Wastewater Management

Narrative- West Thompson Lake

The external inspection of West Thompson Dam was carried out on 29 April 1997. No change was reported in wastewater disposal systems. Wastewater is disposed of through septic tanks and leaching fields.

Resolution of Past Findings

Minor Deficiency. Floor drains in the workshop bay of the utility building drain to septic tanks, which is not allowed in Connecticut. These drains have been permanently sealed.

Minor Deficiency. West Thompson Lake personnel have no written confirmation that the septic service contractors are licensed and to what POTW the septage is transported to. Personnel now have written confirmation of licensing and what POTW the septage is transported to.

Findings

Minor Deficiency. A floor drain in the utility building boiler room discharges to the septic system. Under Connecticut State statute 22A-430b, floor drains in the vicinity of a boiler are not allowed. Either the floor drains should be connected to an approved holding tank and the contents hauled off by a licensed contractor, or the drains should be permanently sealed.

FINDING SUMMARY

INDIVIDUAL FINDING SHEET

19760 CT WEST THOMPSON LAKE
Utility Building

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

A floor drain next to the heater in the boiler room discharges to the septic tank and leaching field.

Criteria (What is the actual requirement?)
WA.3.1. Installations/ CW facilities are required to comply with state and local wastewater regulations (EO 12088, Section 1-1).

Suggested Solutions:
Connect the floor drain to a holding tank, or seal the drain permanently.

Comments:
Under Connecticut State statute 22A-430b, floor drains which discharge to septic systems and are located next to boilers are not allowed. The Project Manager has scheduled the floor drain to be sealed in August 1997.

Narrative- Mansfield Hollow Lake

The external inspection of Mansfield Hollow Lake was carried out on 29 April 1997. No change was reported in wastewater disposal systems. Wastwater is disposed of through septic tanks and leaching fields.

Resolution of Past Findings

Minor Deficiency (CT DEP). Plans for pit latrines in the Mansfeld Hollow State Park were not submitted to the Connecticut Department of Public Health for review, and installation was not inspected by the local health agent. This has not been resolved.

Management Practice. The location of the septic system serving a workshop building erected by CT DEP on Old Route 6 in Chaplin is unknown. The location of the septic tank has been identified, however, the leachfield location is unknown.

Findings.

Minor Deficiency (CT DEP). The pit latrine design in the Mansfield Hollow State Park was not submitted to the Connecticut Department of Public Health for review, and installation was not inspected by the local health agent. Connecticut regulations require that nondischarging onsite sewage disposal systems meet criteria for siting, venting, screening, self-closing doors and seat covers, use of chlorinated lime, and waste burial.

Management Practice (CT DEP). At the workshop building erected by CT DEP on Old Route 6 in Chaplin, the location of the leachfield is unknown and records of maintenance are not available. Septic systems should be maintained, according to Connecticut Public Health Code; the operator should demonstrate good maintenance practices.

10560 CT MANSFIELD HOLLOW LAKE
Outgrant: Mansfield Hollow State Park

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

The design for hand-dug pit latrines were not submitted to the Connecticut Department of Public Health for review, and installation was not inspected by the local health agent.

Criteria (What is the actual requirement?)
WA.1.3. Installations/CW facilities are required to comply with state and local wastewater regulations (EO 12088, Section 1-1).

Suggested Solutions:
Plans for pit latrines should be reviewed by the Department of Public Health and installation inspected by the local health agent.

Comments:
Non-discharging onsite sewage disposal systems must meet Connecticut Public Health Code Section 19.13(b)103 criteria for siting, venting, screening, self-closing doors and seat covers, use of chlorinated lime, and waste burial.

10560 CT MANSFIELD HOLLOW LAKE
Outgrant: Workshop on Old Route 6

Type of Finding: NEGATIVE Finding Category: MANAGEMENT PRACTICE

Condition (What did you find?)

The location of the leachfield at the workshop building erected by Connecticut DEP is unknown. Maintenance records are not available.

Criteria (What is the actual requirement?)
WA.1.3. Installations/CW facilities are required to comply with state and local wastewater regulations (EO 12088, Section 1-1).

Suggested Solutions:
Locate the leachfield, remove sludge from septic tank if necessary, and prepare location plan with ties to builings and landmarks.

Comments:
Septic systems should be maintained according to Connecticut Public Health Codes; the operator should demonstrate good maintenance practices.

WATER QUALITY MANAGEMENT

Narrative- West Thompson Lake

The external inspection of West Thompson Dam was carried out on 29 April 1997. No change was reported in water supply systems; water is supplied from wells.

Resolution of Past Findings

Minor Deficiency. NAE's Environmental Laboratory is not certified by the State of Connecticut to perform bacterial analyses of drinking water. The laboratory became certified by the State of Connecticut, and any analyses not performed by the NAE lab are contracted to labs certified by Connecticut.

Minor Deficiency. Results of monitoring of potable water sources were not reported to the State within 24 hours. The NAE lab now regularly reports testing results for public water supplies to the States within 24 hours.

Minor Deficiency. The four wells at West Thompson Lake are not registered with the State of Connecticut as transient noncommunity water supplies. West Thompson Lake personnel notified the Department of Public Health of the wells. The State identified and registered three of them as transient noncommunity water supplies; the two wells which feed a holding tank serving the campground and the well which serves the office and has a line to the lower campground.

Findings

No new deficiencies were found relating to water quality in this external assessment.

Narrative- Mansfield Hollow Lake

The external inspection of Mansfield Hollow Lake was carried out on 29 April 1997. No change was reported in water supply systems; water is supplied from wells.

Resolution of Past Findings

Minor Deficiency. The well at Mansfield Hollow Lake is not registered with the State of Connecticut as a transient noncommunity water supply. Mansfield Hollow Lake personnel notified the State of the well; the State does not consider it a public water supply.

Minor Deficiency. NAE's Environmental Laboratory is not certified by the State of Connecticut to perform bacterial analyses of drinking water. The laboratory became certified by the State of Connecticut, and any analyses not performed by the NAE lab are contracted to labs certified by Connecticut.

Minor Deficiency. Results of monitoring of potable water sources were not reported to the State within 24 hours. The NAE lab now regularly reports testing results for public water supplies to the States within 24 hours.

Minor Deficiency (CT DEP). The CT DEP operated transient noncommunity well serving the Field Dog Trail Area is not registered with the State of Connecticut. Project personnel have received no documentation that this has been performed.

Findings

Minor Deficiency. The CT DEP operated transient noncommunity well serving the Field Dog Trail Area is not registered with the State of Connecticut. Connecticut Department of Health Services requires registration of wells, testing of wells, and reporting monitoring results within 24 hours.

10560 CT MANSFIELD HOLLOW LAKE
Field Dog Trail Area (CT DEP)

Type of Finding: NEGATIVE Finding Category: MINOR

Condition (What did you find?)

The well serving the Field Dog Trail Area in Mansfield Hollow State Park is not registered with the State of Connecticut.

Criteria (What is the actual requirement?)
WQ.1.3. *Installations/CW facilities are required to comply with state and local water quality regulations* (EO 12088, Section 1-1 and 42 USC 300h-7(h)).

Suggested Solutions:
The well should be registered, tested, and the results reported within 24 hours.

Comments:
The Connecticut Department of Health Services requires registration of wells, analyses of biological and physical charcteristics, and reporting of results within 24 hours.

NEW ENGLAND DISTRICT
ERGO TEAM

Bruce Williams - Program Manager
Construction-Operations Division - Operations Technical Support Section

Jeff Deyette - ERGO Team Leader
Construction-Operations Division - Operations Technical Support Section

Joseph Horowitz
Engineering-Planning Division - Environmental Resources Section

Judith Johnson
Engineering-Planning Division - Environmental Resources Section

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Engineering-Planning Division - Environmental Resources Section

Heather Sullivan
Engineering-Planning Division - Water Quality Management Branch

Anne Laster
Real Estate Division - Conveyancing Branch

The ERGO Team would like to thank the following individuals who participated in the pre-assessment evaluation, field inspection and/or in the research and evaluation of environmental compliance guidance:

West Thompson Lake/Mansfield Hollow Lake

Robert Hanacek - Basin Manager
Kate Higgins - Project Manager
Jan Szwed - Basin Ranger
Wayne Hawthorne - Park Ranger
Ed Greenough - Park Ranger
Merl Bassett - Park Ranger

APPENDICES

APPENDIX A:
Previsit Questionnaires

West Thompson Lake

Table 1

ERGO PREVISIT QUESTIONNAIRE (PVQ)

This questionnaire will provide background information necessary to plan and conduct an environmental compliance assessment. Additionally it provides insight for properly designing the composition of expertise on the assessment team.

Name of Facility: West Thurston Co/Co
Environmental POC: BOB HANACEK
Telephone Number: 509-987-0108

	RESPONSE	REFERENCE IN TEAM
Section 1. Air Emissions Management		
1. Does the facility have any air permits to maintain with state regulatory authority (i.e. boilers, pathological incinerators, operating or construction permits, paint spray booths, POL tank vents, etc.)? Inclusively list the types and numbers of each:	ND	If YES, see checklist item A.1.3
Type of Permit / Quantity		
2. Does the facility operate a fuel burner (central steam plant or hot water steam boiler)?	Yes	If YES, see checklist item A.10.1 through A.10.10
If YES, how large and what fuel is used? Size / Fuel: Stationary Emergency Power Generator - # 2 Fuel Oil; 3 Boilers exist Furnaces - # 2 Fuel Oil		
3. Does the facility operate an incinerator (i.e., for classified documents, solid waste, sewage sludge, etc.)? If YES, please list type and number.	No	If YES, see checklist item A.25.1 through A.25.3 and A.41.1 through A.45.8
Type / Number		
4. Does the facility operate fuel dispensing facilities? How many?	No	If YES, see checklist item A.55.1 through A.55.6
5. Does the facility use any volatile organic compound (VOC) based solvent degreasers?	Yes	If YES, see checklist item A.1.3

	RESPONSE	REFERENCE IN TEAM
6. Does the facility operate maintenance shops?	NO	If YES, see checklist item A.1.3, A.85.1 through A.95.2

Type	Quantity
Wheeled	_____
Tracked	_____
Aircraft	_____

Please list any additionally shop activities that generate any form of air pollution (i.e., vehicle emissions systems, ventilation systems for various operations, etc.)

_____

_____

_____

7. Does the facility operate equipment or processes that could lead to fugitive emissions of vinyl chlorides or benzene?	NO	If YES, see checklist item A.65.1 through A.65.7
What types of equipment? _____		
8. Does the facility procure/use chlorofluorocarbons (CFC) or halon substances?	YES	If YES, see checklist item A.85.1 through A.85.4
9. Does the facility repair any units containing refrigerant?	NO	If YES, see checklist item A.90.1 through A.95.2
10. Does the facility recycle/reclaim CFCs or halon?	YES	If YES, see checklist item A.90.1 through A.95.2
11. Does the facility have any vapor emissions requirements for oil/water separators that have been imposed upon them.	NO	If YES, see checklist item A.1.3

	RESPONSE	REFERENCE IN TEAM
Section 2. Cultural Resources Management		
1. Does the facility have any cultural resources eligible for or that are currently listed in the National Register of Historic Places?	YES	If YES, see checklist item C.5.1 through C.5.3
2. Are their any cultural resources (archeological sites, buildings over 50 yr old) that have not been evaluated for the National Register?	YES	If YES, see checklist item C.5.1 through C.5.3
3. Does the facility Master Plan contain a cultural resources overlay that is utilized for planning purposes?	YES	If YES, see checklist item C.5.1.1
4. Is there an on-staff Cultural Resources Coordinator? (Waltham - Yes)	NO	See Supplement
5. If not, does a staff person have cultural resources as "other duties as assigned"? Kate Higgins	YES	See Supplement
6. Does the facility have any archeological artifacts in storage? UCONN	YES	If YES, see checklist item C.20.1 through C.20.9
7. Does the facility have in storage, or know of, any locations of Native American burials, cemeteries, or human remains?	NO	If YES, see checklist item C.15.1 through C.15.2
8. Are there any areas on the facility considered to have religious importance to any Native American Tribe?	NO	If YES, see checklist item C.10.1

	RESPONSE	REFERENCE IN TEAM

Section 3. Hazardous Materials Management

1. Has the facility conducted training for individuals working with hazardous materials? YES — If YES, see checklist item HM.10.1 through HM.10.2

2. Does the facility have an Oil and Hazardous Substances Contingency Plan (OHSCP)? YES — If YES, see checklist item HM.1.3

3. Does the facility store any extremely hazardous substances? NO — If YES, see checklist item HM.25.1

4. Does the facility store at one time 10,000 lb or more of any hazardous substances that requires a Material Safety Data Sheet (MSDS) (fuel is a hazardous substance which requires an MSDS)? NO — If YES, see checklist item HM.30.1 through HM.30.3

   (NOTE: Using water as a basis of measurement, 10,000 lb is approx. 1,250 gal.)

   Please list substances

   _____

   _____

   _____

5. Does the facility store any flammable/combustible liquids? YES — If YES, see checklist item HM.35.1 through HM.40.3

6. Does the facility store any compressed gases? Nitrogen Tank GH Propane - CG — YES — If YES, see checklist item HM.45.1

	RESPONSE	REFERENCE IN TEAM
Section 4. Hazardous Waste Management		
1. Is the facility a generator of hazardous waste?	Yes	If YES, see checklist item HW.10.1 through HW.10.2
2. Does the facility generate less than 100 kg [220.46 lb, approx. 28 gal] of hazardous waste in 1 mo?	Yes	If YES, see checklist item HW.15.1 through HW.15.6
3. Does the facility generate more than 100 kg [220.46 lb, approx. 28 gal] but less than 1000 kg [2204.62 lb, approx. 273 gal] of hazardous waste in 1 mo?	NO	If YES, see checklist item HW.20.1 through HW.45.5
4. Does the facility generate more than 1000 kg [2204.62 lb, approx 273 gal] of hazardous waste in 1 mo?	NO	If YES, see checklist item HW.55.1 through HW.90.6

	RESPONSE	REFERENCE IN TEAM

(NOTE: Any waste which is not excepted, which is listed in 40 CFR 261, or which exhibits the following characteristics is a hazardous waste:

- Ignitability (flash point <140 F) or
- Corrosivity (pH < 2 or > 12.5) or
- TCLP Toxicity (for As, Ba, Cd, Cr, Pb, Hg, Se, Ag, and selected pesticides or
- Reactive. (or CN).)

The following are hazardous wastes that may typically be found at a facility (check if used at this facility and indicate amount used): SEE HAZMAT INVENTORY AT SITE

- Solvents _____

(This includes trichloroethane, Methylene, Chloride, Tetrachloroethylene, 1,1,1 Trichloroethane, Carbon tetrachloride, Chlorinated Fluorocarbons, Toluene, MEK, Mineral spirits, and Xylene.)

- Liquid paint _____
- Paint stripper, remover or thinner _____
- Spray paint booth air filters _____
- Pesticides, insecticides, herbicides _____
- NRC filters and test kits _____
- Super tropical bleach _____
- *Ordnance, ammunition, explosives and residues* _____
- Battery acid and caustics in unserviceable batteries _____
- Pharmaceuticals _____
- POL tank farm fuel system filters _____
- De-icing solution _____
- Printing ink, ink solvents, and cleaners _____
- Absorbent material and soil contaminated with hazardous waste _____
- Other _____
- Other _____
- Other _____

5. What Hazardous Waste permits have been applied for? — NO — If any, see checklist item HW.1.3

   Part A
   Part B
   Interim Status
   None needed

6. Does the facility accept wastes from other facilities for treatment, storage, or disposal? — NO — If YES, see checklist item HW.105.1 through HW.170.5

7. Does the facility operate accumulation points? — NO — See checklist items based on how much is generated
   How many?_____
   Where?_____
   _____

	RESPONSE	REFERENCE IN TEAM
8. Does the facility operate satellite accumulation points? How many? _____	NO	See checklist items based on how much is generated
9. Does the facility treat hazardous waste onsite? How and where? _____	NO	If YES, see checklist item HW.105.1 through HW.255.3
10. Does the facility store (temporary or long term) hazardous waste onsite at other than an accumulation point? Where? _____	NO	If YES, see checklist item HW.105.1 through HW.255.3
11. Does the facility dispose of hazardous waste onsite? How and where? _____	NO	If YES, see checklist item HW.105.1 through HW.255.3

	RESPONSE	REFERENCE IN TEAM
Section 5. Natural Resources Management		
1. Does the facility have any outdoor recreation areas? (i.e., athletic fields, walking/hiking tracks, off-road vehicles tracks, etc.)	Yes	If YES, see checklist item NR.1.3
2. Does the facility have a plan for managing its natural resources?	Yes	See Supplement
3. Are there any areas on the facility that have:	Yes	If YES, see checklist item NR.10.1 through NR.10.3
A. Wetlands? If so, are they permitted/regulated by definition?	Yes	
B. Flood Plains?		
25-yr	✓	
50-yr	✓	
100-yr	✓	
C. Shoreline?	Yes	
D. Forests?	Yes	
4. Has a survey to locate and identify threatened and endangered species and critical habitats been initiated?	NO	If YES, see checklist item NR.20.1 through NR.20.3
5. Does the facility have any endangered species on its property?	NO	If YES, see checklist item NR.20.1 through NR.20.3

	RESPONSE	REFERENCE IN TEAM
Section 6. Other Environmental Issues		
1. Has the facility recently (within the past 5 yr) prepared, or is it in the process of preparing, and environmental assessment (EA) or environmental impact statement (EIS)? EA + EIS post 2002 For current mission? No For future Master Plan? Y Any construction projects, timber sales, etc.? Y	No	If YES, see checklist item O1.1.1 through O1.5.14
2. Does the facility have any operations that produce environmental noise or noise that goes outside the facility (i.e.,ranges, skeet ranges, helicopter pad, generators, highway transportation)?	Yes	If YES, see checklist item O2.1.1 through O2.1.3
3. Is the facility engaged in any real property transaction?	NO	If YES, see checklist item O5.1.1 through O5.1.3 and see Supplement

	RESPONSE	REFERENCE IN TEAM
Section 7. Pesticide Management		
1. Does the facility use pesticides? Contractor application? Yes In-house application? NO Both contractor and in-house application? NO	Yes	If YES, see checklist item PM.5.1 through PM.20.2
2. Are any pesticide wastes disposed of at the facility?	NO	If YES, see checklist item PM.55.1
3. Are pesticides stored on the facility? Please list locations. Paint Locker - VB	Yes	If YES, see checklist item PM.45.1 through PM.45.2
4. What are the pesticides used at the facility? (Attach a separate list if necessary) Insecticides / Residential Grade		NA
5. Are pesticides used at offsite satellite facilities?	NO	If YES, see checklist item PM.5.1 through PM.45.2
6. Does the facility maintain a pesticide/entomology shop? If YES, is it permitted by the state?	No	If YES, see checklist item PM.45.1 through PM.45.2
7. Is there an annual inventory available for review?	No	See Supplement

	RESPONSE	REFERENCE IN TEAM
Section 8. Petroleum, Oil, and Lubricant (POL) Management		
1. Does the facility have a current (3 yr old or less) Spill Prevention Control and Countermeasure (SPCC) plans?	Yes	If YES, see checklist item PO.5.1 through PO.5.7
2. Is the SPCC/ISC exercised annually (mock spill events conducted)?	NO	If YES, see checklist item PO.5.1 through PO.5.7
3. Does the facility store used oil?	NO	If YES, see checklist item PO.60.1 through PO.90.1
Where? _____ _____ _____ _____		
4. Does the facility have any pipelines?	NO	If YES, see checklist item PO.40.1 through PO.40.10
5. Does the facility operate any service stations?	NO	If YES, see checklist item PO.45.1 through PO.45.4

	RESPONSE	REFERENCE IN TEAM

Section 9. Solid Waste Management

1. Does the facility have a solid waste management facility onsite? — NO — If YES, see checklist item SO.30.1 through SO.95.2

TYPE	NUMBER
Landfill	
Incinerator	
Transfer Point	

2. Does the facility contract out the collection of its solid waste? — Yes — If YES, see checklist item SO.10.1 through SO.10.6

3. Does the facility have a: — Yes — If YES, see checklist item SO.25.1 through SO.25.4

   solid waste recycling program? List commodities recycled: White paper, glass, Aluminum, cardboard plastics

   Construction debris landfill:
   Is it permitted?
   Operated by: NO

4. Is waste transported offsite for disposal? — Yes — If YES, see checklist item SO.1.3

   In landfills? NO

   In incinerators? Yes

   Transfer Stations? Yes

   Recycling plant? Yes

5. Does the facility dispose of ash residue or sludge: — NO — If YES, see checklist item SO.1.3
   Offsite?
   Onsite?

6. Does the facility receive refuse from outside the United States? — NO — If YES, see checklist item SO.100.1

   If YES, is laboratory testing performed?

7. Does the facility operate battery shops, including charging areas within vehicle maintenance facilities? — NO — If YES, see checklist item SO.1.3

   If YES, how many?

	RESPONSE	REFERENCE IN TEAM

Section 10. Storage Tank Management

1. Does the facility have aboveground storage tanks (ASTs) used for the storage of petroleum products or hazardous waste? (Attach additional page if necessary) — Yes — If YES, see checklist item ST.5.1 through ST.20.3 and ST.100.1 through ST.150.2

Location	Substance	Capacity
OFFICE	Heating Oil	275 gal
GH	" "	550 gal
VB	" "	275 gal

2. Does the facility have any USTs? — NO — If YES, see checklist item ST.25.1 through ST.95.7

Location	Quantity	Size	Material Stored	Permitted

(Attach a separate inventory sheet if necessary)

3. Does the facility have any USTs out-of-service or abandoned? — NO — If YES, see checklist item ST.95.1 through ST.95.7

4. Is there a program in place to manage unserviceable/abandoned tanks? — N/A — If YES, see checklist item ST.95.1 through ST.95.7

	RESPONSE	REFERENCE IN TEAM
Section 11. Toxic Substances Management		
1. Has the facility conducted a survey for PCBs?	NO	If YES, see checklist item T1.10.1 through T1.10.3
2. Are PCBs or PCB-contaminated oils in use or stored at the facility in: Transformers 1 Capacitors_____ Electromagnets_____ Heat Transfer or Hydraulic Systems_____ Circuit Breaker_____ Fluorescent Light Ballasts 1 Other_____	Don't Know	If YES, see checklist item T1.20.1 through T1.20.9 and T1.30.1 through T1.35.1
3. Does the facility dispose of PCBs or PCB items at the facility	NO	If YES, see checklist item T1.50.1 through T1.50.11
4. Does the facility transport PCBs	NO	If YES, see checklist item T1.45.1 through T1.45.2
5. Has the facility conducted a complete facility-wide asbestos survey?	Yes	See Supplement
6. Does an Asbestos Management Plan exist?	Yes	See Supplement
7. Is maintenance done on items insulated with asbestos?	No	If YES, see checklist item T2.5.1 through T2.10.1
8. Has the facility undergone any asbestos removal projects in the past? How long ago? In Process By contract or in-house? Contract	Yes	If YES, see checklist item T2.5.1 through T2.10.1
9. Is there any asbestos on the facility that has been removed and is awaiting disposal?	Yes	If YES, see checklist item T2.15.1 through T2.15.4
10. Will the facility have any demolition, remodeling, or renovation projects underway at the time of the assessment? Please identify those projects and buildings. _____ _____	No	If YES, see checklist item T2.5.1 through T2.10.1

	RESPONSE	REFERENCE IN TEAM

Section 12. Wastewater Management

1. Does the facility have a National Pollutant Discharge Elimination System (NPDES) and/or State Pollutant Discharge Elimination System (SPDES) permit? Identify the types of discharges: — ND — If YES, see checklist item WA.10.1 through WA.10.6

   Stormwater runoff permits?_____
   Drainage water from dredge and fill materials?_____
   Wastewater treatment plant? _____
   How many and what size?_____
   Process wastewater?_____
   Heat/Power production cooling blowdown water?_____
   Stormwater runoff from fuel dispensing areas, airfields, and parking lots/aprons and maintenance facilities?_____
   Vehicle wash facilities? How many?_____
   Plating shops? _____
   Does the facility maintain sedimentation holding ponds or seepage pits from vehicle/aircraft washing, maintenance shop drainage (shop operations and motor parks), and other activities?
   _____
   Operate cooling towers and pass through water? _____
   Septic Systems?_____
   Fresh water wetlands?_____
   Industrial waste system/discharge?_____
   Lines which bypass treatment structures?_____
   Other?_____

2. Does the facility discharges into a publicly owned treatment works (POTW) any of the following? — ND — If YES, see checklist item WA.10.1 through WA.25.9

   Process wastewater?_____
   Domestic (sanitary) wastewater?_____
   Industrial wastewater treatment plant effluent?_____
   Other?_____

3. Are there any discharge bypass lines in the system? — NO — If YES, see checklist item WA.25.1 through WA.25.9

4. Does the facility have any sludge disposal areas from vehicles/equipment washing operations? — NO — If YES, see checklist item WA.1.3

   Is the sludge analyzed or characterized on a scheduled frequency prior to disposal?

5. What percent of vehicle maintenance is performed by contract? — 100% — If YES, see checklist item WA.1.3

   Is it performed onsite or offsite? OFFSITE

	RESPONSE	REFERENCE IN TEAM
11. Is asbestos material removed by contract or in-house personnel?	Yes	If YES, see checklist item T2.10.1
12. Does the facility monitor for radon gas?	Yes	If YES, see checklist item T3.1.1 through T3.1.3
13. Is there a program to reduce radon threat?	Yes	See Supplement
14. Has the facility populace been informed of the final status?	YES	See Supplement
15. Is the facility performing any lead based paint removal?	NO	If YES, see checklist item T4.1.1 through T4.1.3

	RESPONSE	REFERENCE IN TEAM
Section 13. Water Quality Management		
1. Does the facility operate a public drinking water system?	YES	If YES, see checklist item WQ.10.1 through WQ.30.3
2. Does the facility maintain wellheads?	YES	If YES, see checklist item WQ.1.3
3. Does the facility operate an underground injection well?	YES	If YES, see checklist item WQ.1.3
4. Are there groundwater aquifers on the facility?	YES	If YES, see checklist item WQ.95.1
Are they in use? YES		
5. Is the facility located on a sole source aquifer?	NO	If YES, see checklist item WQ.95.1
6. Are protective or preventative measures in place to prevent contamination of these aquifers?	YES	If YES, see checklist item WQ.95.1
7. Are field water purification units used?	YES	See Supplement

How is the backwash managed from these mobile units?
discharge into septic system

Signature of individual completing this form: Ed Greenough

Date completed: 12/19/96

Reviewed by:
Catherine M. Heggins
12/19/96

West Thompson Lake Campground

ERGO PREVISIT QUESTIONNAIRE

NAME OF FACILITY . West Thompson Lake Project

LEASE NO. DACW33-1-95-7 502-505

RESPONSE

Section 7. Pesticide Management

1. Does the facility use pesticides? — yes

   Contractor application? ________

   In-house application? ✓

   Both contractor and in-house application? ________

2. Are any pesticide wastes disposed of at the facility? — no

3. Are pesticides stored on the facility? — no

   Please list locations.

   ____

   ____

   ____

4. What are the pesticides used at the facility? ________

   (Attach a separate list if necessary)

Pounce	Roundup	Ridomil Bravo
Fernate	Blades	CPCS
Warrior	Banvel	Ensign
	Curbit	Bayleton

5. Are pesticides used at offsite satellite facilities? — NA

6. Does the facility maintain a pesticide/entomology shop? — no

   If YES, is it permitted by the state?

7. Is there an annual inventory available for review? — yes

Signature of individual comleting this form: Randolph Blackman

Date Completed 2/11/97

ERGO PREVISIT QUESTIONNAIRE

NAME OF FACILITY West Thompson Lake Project

LEASE NO. DACW33-1-88-21 SCS

RESPONSE

Section 7. Pesticide Management

1. Does the facility use pesticides? yes

   Contractor application? _____
   In-house application? ✓
   Both contractor and in-house application? _____

2. Are any pesticide wastes disposed of at the facility? no

3. Are pesticides stored on the facility? no

   Please list locations.

   _____
   _____
   _____

4. What are the pesticides used at the facility? _____
   (Attach a separate list if necessary)

   Curbit — Ridomil Bravo
   Roundup — COC5
   — Envigor
   — Bayleton

5. Are pesticides used at offsite satellite facilities? NA

6. Does the facility maintain a pesticide/entomology shop? no

   If YES, is it permitted by the state?

7. Is there an annual inventory available for review? yes

Signature of individual comleting this form: Randolph L Blackmon

Date Completed 2/11/97

ERGO PREVISIT QUESTIONNAIRE

NAME OF FACILITY West Thompson Lake Project

LEASE NO. DACW33-1-93-16

RESPONSE

Section 7. Pesticide Management

1. Does the facility use pesticides? — Yes

   Contractor application? 1995, 1996
   In-house application? 1993, 1994
   Both contractor and in-house application? _____

2. Are any pesticide wastes disposed of at the facility? — No

3. Are pesticides stored on the facility? — No

   Please list locations.

   _____
   _____
   _____

4. What are the pesticides used at the facility? (Attach a separate list if necessary) — _____

   HERBICIDE AATREX & PROWL LITE, BANVEL,

5. Are pesticides used at offsite satellite facilities? — N/A

6. Does the facility maintain a pesticide/entomology shop? — No

   If YES, is it permitted by the state?

7. Is there an annual inventory available for review? — Yes - At Project Offic

Signature of individual comleting this form: Roy Norman

Date Completed Feb. 10 1997

Mansfield Hollow Lake

Table 1

ERGO PREVISIT QUESTIONNAIRE (PVQ)

This questionnaire will provide background information necessary to plan and conduct an environmental compliance assessment. Additionally it provides insight for properly designing the composition of expertise on the assessment team.

Name of Facility: MANSFIELD Hollow LAKE (PM)
Environmental POC: ROBERT HANACEK
Telephone Number: 508-987-0108

	RESPONSE	REFERENCE IN TEAM
Section 1. Air Emissions Management		
1. Does the facility have any air permits to maintain with state regulatory authority (i.e. boilers, pathological incinerators, operating or construction permits, paint spray booths, POL tank vents, etc.)? Inclusively list the types and numbers of each:	NO	If YES, see checklist item A.1.3
Type of Permit _____ Quantity _____		
2. Does the facility operate a fuel burner (central steam plant or hot water steam boiler)?	YES	If YES, see checklist item A.10.1 through A.10.10
If YES, how large and what fuel is used? Size Fuel: Stationary Emergency Power Generators #2 Fuel Oil (3) Residential furnaces #2 Fuel Oil		
3. Does the facility operate an incinerator (i.e., for classified documents, solid waste, sewage sludge, etc.)? If YES, please list type and number.	NO	If YES, see checklist item A.25.1 through A.25.3 and A.41.1 through A.45.8
Type _____ Number _____		
4. Does the facility operate fuel dispensing facilities?	NO	If YES, see checklist item A.55.1 through A.55.6
How many? _____		
5. Does the facility use any volatile organic compound (VOC) based solvent degreasers?	YES	If YES, see checklist item A.1.3

	RESPONSE	REFERENCE IN TEAM
6. Does the facility operate maintenance shops?	NO	If YES, see checklist item A.1.3, A.85.1 through A.95.2

Type Quantity

Wheeled _____
Tracked _____
Aircraft _____

Please list any additionally shop activities that generate any form of air pollution (i.e., vehicle emissions systems, ventilation systems for various operations, etc.)

_____
_____
_____

7. Does the facility operate equipment or processes that could lead to fugitive emissions of vinyl chlorides or benzene?	NO	If YES, see checklist item A.65.1 through A.65.7
What types of equipment? _____		
8. Does the facility procure/use chlorofluorocarbons (CFC) or halon substances?	YES	If YES, see checklist item A.85.1 through A.85.4
9. Does the facility repair any units containing refrigerant?	NO	If YES, see checklist item A.90.1 through A.95.2
10. Does the facility recycle/reclaim CFCs or halon?	YES	If YES, see checklist item A.90.1 through A.95.2
11. Does the facility have any vapor emissions requirements for oil/water separators that have been imposed upon them.	NO	If YES, see checklist item A.1.3

	RESPONSE	REFERENCE IN TEAM
Section 2. Cultural Resources Management		
1. Does the facility have any cultural resources eligible for or that are currently listed in the National Register of Historic Places?	YES	If YES, see checklist item C.5.1 through C.5.3
2. Are their any cultural resources (archeological sites, buildings over 50 yr old) that have not been evaluated for the National Register?	YES	If YES, see checklist item C.5.1 through C.5.3
3. Does the facility Master Plan contain a cultural resources overlay that is utilized for planning purposes?	YES	If YES, see checklist item C.5.1.1
4. Is there an on-staff Cultural Resources Coordinator? IN WALTHAM		See Supplement
5. If not, does a staff person have cultural resources as "other duties as assigned"? KATE HIGGINS	YES	See Supplement
6. Does the facility have any archeological artifacts in storage? YES AT UCONN		If YES, see checklist item C.20.1 through C.20.9
7. Does the facility have in storage, or know of, any locations of Native American burials, cemeteries, or human remains?	No	If YES, see checklist item C.15.1 through C.15.2
8. Are there any areas on the facility considered to have religious importance to any Native American Tribe?	No	If YES, see checklist item C.10.1

	RESPONSE	REFERENCE IN TEAM
Section 3. Hazardous Materials Management		
1. Has the facility conducted training for individuals working with hazardous materials?	YES	If YES, see checklist item HM.10.1 through HM.10.2
2. Does the facility have an Oil and Hazardous Substances Contingency Plan (OHSCP)?	YES	If YES, see checklist item HM.1.3
3. Does the facility store any extremely hazardous substances?	No	If YES, see checklist item HM.25.1
4. Does the facility store at one time 10,000 lb or more of any hazardous substances that requires a Material Safety Data Sheet (MSDS) (fuel is a hazardous substance which requires an MSDS)? (NOTE: Using water as a basis of measurement, 10,000 lb is approx. 1,250 gal.) Please list substances #2 Heating oil - 2-1000gal + 1-275gal	YES	If YES, see checklist item HM.30.1 through HM.30.3
5. Does the facility store any flammable/combustible liquids?	YES	If YES, see checklist item HM.35.1 through HM.40.3
6. Does the facility store any compressed gases?	No	If YES, see checklist item HM.45.1

	RESPONSE	REFERENCE IN TEAM
Section 4. Hazardous Waste Management		
1. Is the facility a generator of hazardous waste?	YES	If YES, see checklist item HW.10.1 through HW.10.2
2. Does the facility generate less than 100 kg [220.46 lb, approx. 28 gal] of hazardous waste in 1 mo?	YES	If YES, see checklist item HW.15.1 through HW.15.6
3. Does the facility generate more than 100 kg [220.46 lb, approx. 28 gal] but less than 1000 kg [2204.62 lb, approx. 273 gal] of hazardous waste in 1 mo?	No	If YES, see checklist item HW.20.1 through HW.45.5
4. Does the facility generate more than 1000 kg [2204.62 lb, approx 273 gal] of hazardous waste in 1 mo?	No	If YES, see checklist item HW.55.1 through HW.90.6

	RESPONSE	REFERENCE IN TEAM

(NOTE: Any waste which is not excepted, which is listed in 40 CFR 261, or which exhibits the following characteristics is a hazardous waste:

- Ignitability (flash point <140 F) or
- Corrosivity (pH < 2 or > 12.5) or
- TCLP Toxicity (for As, Ba, Cd, Cr, Pb, Hg, Se, Ag, and selected pesticides or
- Reactive. (or CN).)

The following are hazardous wastes that may typically be found at a facility (check if used at this facility and indicate amount used): SEE HAZMAT INVENTORY AT SITE

- Solvents _____

(This includes trichloroethane, Methylene, Chloride, Tetrachloroethylene, 1,1,1 Trichloroethane, Carbon tetrachloride, Chlorinated Fluorocarbons, Toluene, MEK, Mineral spirits, and Xylene.)

- Liquid paint _____
- Paint stripper, remover or thinner _____
- Spray paint booth air filters _____
- Pesticides, insecticides, herbicides _____
- NRC filters and test kits _____
- Super tropical bleach _____
- Ordnance, ammunition, explosives and residues _____
- Battery acid and caustics in unserviceable batteries _____
- Pharmaceuticals _____
- POL tank farm fuel system filters _____
- De-icing solution _____
- Printing ink, ink solvents, and cleaners _____
- Absorbent material and soil contaminated with hazardous waste _____
- Other _____
- Other _____
- Other _____

5. What Hazardous Waste permits have been applied for? NONE — If any, see checklist item HW.1.3

   Part A
   Part B
   Interim Status
   None needed

6. Does the facility accept wastes from other facilities for treatment, storage, or disposal? NONE — If YES, see checklist item HW.105.1 through HW.170.5

7. Does the facility operate accumulation points? NO — See checklist items based on how much is generated
   How many?_____
   Where?_____
   _____

	RESPONSE	REFERENCE IN TEAM
8. Does the facility operate satellite accumulation points? How many? _____	No	See checklist items based on how much is generated
9. Does the facility treat hazardous waste onsite? How and where? _____	No	If YES, see checklist item HW.105.1 through HW.255.3
10. Does the facility store (temporary or long term) hazardous waste onsite at other than an accumulation point? Where? _____	No	If YES, see checklist item HW.105.1 through HW.255.3
11. Does the facility dispose of hazardous waste onsite? How and where? _____	No	If YES, see checklist item HW.105.1 through HW.255.3

	RESPONSE	REFERENCE IN TEAM
Section 5. Natural Resources Management		
1. Does the facility have any outdoor recreation areas? (i.e., athletic fields, walking/hiking tracks, off-road vehicles tracks, etc.)	YES	If YES, see checklist item NR.1.3
2. Does the facility have a plan for managing its natural resources?	YES	See Supplement
3. Are there any areas on the facility that have:		If YES, see checklist item NR.10.1 through NR.10.3
A. Wetlands? If so, are they permitted/regulated by definition?	✓	
B. Flood Plains?		
25-yr	✓	
50-yr	✓	
100-yr	✓	
C. Shoreline?	✓	
D. Forests?	✓	
4. Has a survey to locate and identify threatened and endangered species and critical habitats been initiated?	NO	If YES, see checklist item NR.20.1 through NR.20.3
5. Does the facility have any endangered species on its property?	NO, BUT	If YES, see checklist item NR.20.1 through NR.20.3

	RESPONSE	REFERENCE IN TEAM
Section 6. Other Environmental Issues		
1. Has the facility recently (within the past 5 yr) prepared, or is it in the process of preparing, and environmental assessment (EA) or environmental impact statement (EIS)? EA + EIS post 2002 For current mission? No For future Master Plan? ✓ Any construction projects, timber sales, etc.? ✓	NO	If YES, see checklist item O1.1.1 through O1.5.14
2. Does the facility have any operations that produce environmental noise or noise that goes outside the facility (i.e.,ranges, skeet ranges, helicopter pad, generators, highway transportation)?	YES	If YES, see checklist item O2.1.1 through O2.1.3
3. Is the facility engaged in any real property transaction?	No	If YES, see checklist item O5.1.1 through O5.1.3 and see Supplement

	RESPONSE	REFERENCE IN TEAM
Section 7. Pesticide Management		
1. Does the facility use pesticides? Contractor application? ✓ In-house application? _____ Both contractor and in-house application? _____	YES	If YES, see checklist item PM.5.1 through PM.20.2
2. Are any pesticide wastes disposed of at the facility?	No	If YES, see checklist item PM.55.1
3. Are pesticides stored on the facility? Please list locations. paint locker	YES	If YES, see checklist item PM.45.1 through PM.45.2
4. What are the pesticides used at the facility? (Attach a separate list if necessary) insecticides/residential grade - 2	_____	NA
5. Are pesticides used at offsite satellite facilities?	No	If YES, see checklist item PM.5.1 through PM.45.2
6. Does the facility maintain a pesticide/entomology shop? If YES, is it permitted by the state?	No	If YES, see checklist item PM.45.1 through PM.45.2
7. Is there an annual inventory available for review?	No	See Supplement

	RESPONSE	REFERENCE IN TEAM
Section 8. Petroleum, Oil, and Lubricant (POL) Management		
1. Does the facility have a current (3 yr old or less) Spill Prevention Control and Countermeasure (SPCC) plans?	YES	If YES, see checklist item PO.5.1 through PO.5.7
2. Is the SPCC/ISC exercised annually (mock spill events conducted)?	No	If YES, see checklist item PO.5.1 through PO.5.7
3. Does the facility store used oil?	No	If YES, see checklist item PO.60.1 through PO.90.1
Where? _____ _____ _____ _____		
4. Does the facility have any pipelines?	No	If YES, see checklist item PO.40.1 through PO.40.10
5. Does the facility operate any service stations?	No	If YES, see checklist item PO.45.1 through PO.45.4

	RESPONSE	REFERENCE IN TEAM

Section 9. Solid Waste Management

1. Does the facility have a solid waste management facility onsite? — No

   TYPE — NUMBER

   Landfill ____
   Incinerator ____
   Transfer Point ____

   If YES, see checklist item SO.30.1 through SO.95.2

2. Does the facility contract out the collection of its solid waste? — YES

   If YES, see checklist item SO.10.1 through SO.10.6

3. Does the facility have a: — YES

   solid waste recycling program? List commodities recycled: white paper, glass, aluminum, metal, cardboard, plastic bottles.

   Construction debris landfill: No
   Is it permitted?
   Operated by: ____

   If YES, see checklist item SO.25.1 through SO.25.4

4. Is waste transported offsite for disposal? — YES

   In landfills? YES - MANSFIELD

   In incinerators? YES - Dumpsters to Millbury

   Transfer Stations? No

   Recycling plant? YES

   If YES, see checklist item SO.1.3

5. Does the facility dispose of ash residue or sludge: — No
   Offsite? ____
   Onsite? ____

   If YES, see checklist item SO.1.3

6. Does the facility receive refuse from outside the United States? — No

   If YES, is laboratory testing performed? ____

   If YES, see checklist item SO.100.1

7. Does the facility operate battery shops, including charging areas within vehicle maintenance facilities? — No

   If YES, how many? ____

   If YES, see checklist item SO.1.3

	RESPONSE	REFERENCE IN TEAM

Section 10. Storage Tank Management

1. Does the facility have aboveground storage tanks (ASTs) used for the storage of petroleum products or hazardous waste? (Attach additional page if necessary)

YES

If YES, see checklist item ST.5.1 through ST.20.3 and ST.100.1 through ST.150.2

Location	Substance	Capacity
quarters	heating oil	275

2. Does the facility have any USTs?

YES

If YES, see checklist item ST.25.1 through ST.95.7

Location	Quantity	Size	Material Stored	Permitted
Util. Bldg	1	1000	heating oil	N/A
Gatehouse	1	1000	heating oil	N/A

(Attach a separate inventory sheet if necessary)

3. Does the facility have any USTs out-of-service or abandoned?

NO

If YES, see checklist item ST.95.1 through ST.95.7

4. Is there a program in place to manage unserviceable/abandoned tanks?

N/A

If YES, see checklist item ST.95.1 through ST.95.7

	RESPONSE	REFERENCE IN TEAM
Section 11. Toxic Substances Management		
1. Has the facility conducted a survey for PCBs?	No	If YES, see checklist item T1.10.1 through T1.10.3
2. Are PCBs or PCB-contaminated oils in use or stored at the facility in:	Don't Know	If YES, see checklist item T1.20.1 through T1.20.9 and T1.30.1 through T1.35.1
Transformers ✓ Capacitors_____ Electromagnets_____ Heat Transfer or Hydraulic Systems_____ Circuit Breaker_____ Fluorescent Light Ballasts ✓ Other_____		
3. Does the facility dispose of PCBs or PCB items at the facility	No	If YES, see checklist item T1.50.1 through T1.50.11
4. Does the facility transport PCBs	No	If YES, see checklist item T1.45.1 through T1.45.2
5. Has the facility conducted a complete facility-wide asbestos survey?	YES	See Supplement
6. Does an Asbestos Management Plan exist?	YES	See Supplement
7. Is maintenance done on items insulated with asbestos? operator's quarters siding painting	YES	If YES, see checklist item T2.5.1 through T2.10.1
8. Has the facility undergone any asbestos removal projects in the past? How long ago? _____ By contract or in-house? _____	No	If YES, see checklist item T2.5.1 through T2.10.1
9. Is there any asbestos on the facility that has been removed and is awaiting disposal?	No	If YES, see checklist item T2.15.1 through T2.15.4
10. Will the facility have any demolition, remodeling, or renovation projects underway at the time of the assessment? Please identify those projects and buildings. _____ _____	No	If YES, see checklist item T2.5.1 through T2.10.1

	RESPONSE	REFERENCE IN TEAM
11. Is asbestos material removed by contract or in-house personnel?	N/A	If YES, see checklist item T2.10.1
12. Does the facility monitor for radon gas?	YES	If YES, see checklist item T3.1.1 through T3.1.3
13. Is there a program to reduce radon threat?	YES	See Supplement
14. Has the facility populace been informed of the final status?	YES	See Supplement
15. Is the facility performing any lead based paint removal?	No	If YES, see checklist item T4.1.1 through T4.1.3

	RESPONSE	REFERENCE IN TEAM

Section 12. Wastewater Management

1. Does the facility have a National Pollutant Discharge Elimination System (NPDES) and/or State Pollutant Discharge Elimination System (SPDES) permit? Identify the types of discharges: — NO — If YES, see checklist item WA.10.1 through WA.10.6

   Stormwater runoff permits?_____
   Drainage water from dredge and fill materials?_____
   Wastewater treatment plant? _____
   How many and what size?_____
   Process wastewater?_____
   Heat/Power production cooling blowdown water?_____
   Stormwater runoff from fuel dispensing areas, airfields, and parking lots/aprons and maintenance facilities?_____
   Vehicle wash facilities? How many?_____
   Plating shops? _____
   Does the facility maintain sedimentation holding ponds or seepage pits from vehicle/aircraft washing, maintenance shop drainage (shop operations and motor parks), and other activities?
   _____
   Operate cooling towers and pass through water? _____
   Septic Systems?_____
   Fresh water wetlands?_____
   Industrial waste system/discharge?_____
   Lines which bypass treatment structures?_____
   Other?_____

2. Does the facility discharges into a publicly owned treatment works (POTW) any of the following? — NO, Septic tanks — If YES, see checklist item WA.10.1 through WA.25.9

   Process wastewater?_____
   Domestic (sanitary) wastewater?_____
   Industrial wastewater treatment plant effluent?_____
   Other?_____

3. Are there any discharge bypass lines in the system? — N/A — If YES, see checklist item WA.25.1 through WA.25.9

4. Does the facility have any sludge disposal areas from vehicles/equipment washing operations? — NO — If YES, see checklist item WA.1.3

   Is the sludge analyzed or characterized on a scheduled frequency prior to disposal?

5. What percent of vehicle maintenance is performed by contract? — 100% — If YES, see checklist item WA.1.3

   Is it performed onsite or offsite? ONSITE

	RESPONSE	REFERENCE IN TEAM
Section 13. Water Quality Management		
1. Does the facility operate a public drinking water system?	YES	If YES, see checklist item WQ.10.1 through WQ.30.3
2. Does the facility maintain wellheads?	YES	If YES, see checklist item WQ.1.3
3. Does the facility operate an underground injection well?	NO	If YES, see checklist item WQ.1.3
4. Are there groundwater aquifers on the facility?	YES	If YES, see checklist item WQ.95.1
Are they in use? YES		
5. Is the facility located on a sole source aquifer?	NO	If YES, see checklist item WQ.95.1
6. Are protective or preventative measures in place to prevent contamination of these aquifers?	YES	If YES, see checklist item WQ.95.1
7. Are field water purification units used?	NO	See Supplement

How is the backwash managed from these mobile units?

_____

_____

_____

_____

Signature of individual completing this form: Jan M. Szwed

Date completed: 19 December 1996

Reviewed by:
Catherine M. Diggins
12/19/96

State of Connecticut
Department of Environmental Protection

Table 1

ERGO PREVISIT QUESTIONNAIRE (PVQ)

This questionnaire will provide background information necessary to plan and conduct an environmental compliance assessment. Additionally it provides insight for properly designing the composition of expertise on the assessment team.

Name of Facility: Mansfield Hollow
Environmental POC: DEP, E.O.S.T HDQ, Wildlife
Telephone Number: 295-9523

RESPONSE

Section 1. Air Emissions Management

1. Does the facility have any air permits to maintain with state regulatory authority (i.e. boilers, pathological incinerators, operating or construction permits, paint spray booths, POL tank vents, etc.)? Inclusively list the types and numbers of each: NA

Type of Permit	Quantity

2. Does the facility operate a fuel burner (central steam plant or hot water steam boiler)? NA

If YES, how large and what fuel is used?

Size	Fuel

3. Does the facility operate an incinerator (i.e., for classified documents, solid waste, sewage sludge, etc.)? If YES, please list type and number. NA

Type	Number

4. Does the facility operate fuel dispensing facilities? NA

How many? _____

5. Does the facility use any volatile organic compound (VOC) based solvent degreasers? NA

RESPONSE

Section 2. Cultural Resources Management

1. Does the facility have any cultural resources eligible for or that are currently listed in the National Register of Historic Places? ———

2. Are their any cultural resources (archeological sites, buildings over 50 yr old) that have not been evaluated for the National Register? ———

3. Does the facility Master Plan contain a cultural resources overlay that is utilized for planning purposes? NA

4. Is there an on-staff Cultural Resources Coordinator? NA

5. If not, does a staff person have cultural resources as "other duties as assigned"? NA

6. Does the facility have any archeological artifacts in storage? NA

7. Does the facility have in storage, or know of, any locations of Native American burials, cemeteries, or human remains? NA

8. Are there any areas on the facility considered to have religious importance to any Native American Tribe? NA

RESPONSE

Section 4. Hazardous Waste Management

1. Is the facility a generator of hazardous waste? NA

2. Does the facility generate less than 100 kg [220.46 lb, approx. 28 gal] of hazardous waste in 1 mo? ~~Yes~~

3. Does the facility generate more than 100 kg [220.46 lb, approx. 28 gal] but less than 1000 kg [2204.62 lb, approx. 273 gal] of hazardous waste in 1 mo? NA

4. Does the facility generate more than 1000 kg [2204.62 lb, approx 273 gal] of hazardous waste in 1 mo? NA

RESPONSE

8. Does the facility operate satellite accumulation points? NA
   How many? _____

9. Does the facility treat hazardous waste onsite? NA

   How and where? _____

10. Does the facility store (temporary or long term) hazardous waste onsite at other than an accumulation point? NA

    Where? _____

11. Does the facility dispose of hazardous waste onsite? NA

    How and where? _____

RESPONSE

Section 6. Other Environmental Issues

1. Has the facility recently (within the past 5 yr) prepared, or is it in the process of preparing, and environmental assessment (EA) or environmental impact statement (EIS)? NA

   For current mission?

   For future Master Plan?

   Any construction projects, timber sales, etc.?

2. Does the facility have any operations that produce environmental noise or noise that goes outside the facility (i.e.,ranges, skeet ranges, helicopter pad, generators, highway transportation)? NA

3. Is the facility engaged in any real property transaction? NA

RESPONSE

Section 8. Petroleum, Oil, and Lubricant (POL) Management

1. Does the facility have a current (3 yr old or less) Spill Prevention Control and Countermeasure (SPCC) plans? N

2. Is the SPCC/ISC exercised annually (mock spill events conducted)? N

3. Does the facility store used oil? N

   Where?

   _____
   _____
   _____
   _____

4. Does the facility have any pipelines? N

5. Does the facility operate any service stations? N

RESPONSE

Section 10. Storage Tank Management

1. Does the facility have aboveground storage tanks (ASTs) used for the storage of petroleum products or hazardous waste? N
(Attach additional page if necessary)

Location	Substance	Capacity

2. Does the facility have any USTs? N

Location	Quantity	Size	Material Stored	Permitted

(Attach a separate inventory sheet if necessary)

3. Does the facility have any USTs out-of-service or abandoned? N

4. Is there a program in place to manage unserviceable/abandoned tanks? N

	RESPONSE
11. Is asbestos material removed by contract or in-house personnel?	N
12. Does the facility monitor for radon gas?	?
13. Is there a program to reduce radon threat?	N
14. Has the facility populace been informed of the final status?	N
15. Is the facility performing any lead based paint removal?	N

RESPONSE

Section 13. Water Quality Management

1. Does the facility operate a public drinking water system? N

2. Does the facility maintain wellheads? N

3. Does the facility operate an underground injection well? N

4. Are there groundwater aquifers on the facility? /

   Are they in use? ________

5. Is the facility located on a sole source aquifer? /

6. Are protective or preventative measures in place to prevent contamination of these aquifers? N

7. Are field water purification units used? N

   How is the backwash managed from these mobile units?

   ____
   ____
   ____
   ____

Signature of individual completing this form: Paul [signature]

Date completed: 4/22/97

Mansfield Hollow State Park

ERGO PREVISIT QUESTIONNAIRE (PVQ)

This questionnaire will provide background information necessary to plan and conduct an environmental compliance assessment. Additionally it provides insight for properly designing the composition of expertise on the assessment team.

Name of Facility: MANSFIELD HOLLOW (THOSE AREAS LEASED TO STATE OF CT)
Environmental POC: _____
Telephone Number: _____

RESPONSE

Section 1. Air Emissions Management

1. Does the facility have any air permits to maintain with state regulatory authority (i.e. boilers, pathological incinerators, operating or construction permits, paint spray booths, POL tank vents, etc.)? Inclusively list the types and numbers of each: — NO

Type of Permit	Quantity

2. Does the facility operate a fuel burner (central steam plant or hot water steam boiler)? — YES

If YES, how large and what fuel is used?

Size	Fuel
2 2 cubic	WOOD

3. Does the facility operate an incinerator (i.e., for classified documents, solid waste, sewage sludge, etc.)? If YES, please list type and number. — NO

Type	Number

4. Does the facility operate fuel dispensing facilities? — NO

How many? _____

5. Does the facility use any volatile organic compound (VOC) based solvent degreasers? — NO

RESPONSE

6. Does the facility operate maintenance shops? YES

Type	Quantity
Wheeled	1-3
Tracked	
Aircraft	

Please list any additionally shop activities that generate any form of air pollution (i.e., vehicle emissions systems, ventilation systems for various operations, etc.)

_____

_____

_____

7. Does the facility operate equipment or processes that could lead to fugitive emissions of vinyl chlorides or benzene? NO

What types of equipment? _____

8. Does the facility procure/use chlorofluorocarbons (CFC) or halon substances? NO

9. Does the facility repair any units containing refrigerant? NO

10. Does the facility recycle/reclaim CFCs or halon? NO

11. Does the facility have any vapor emissions requirements for oil/water separators that have been imposed upon them. NO

RESPONSE

Section 2. Cultural Resources Management

1. Does the facility have any cultural resources eligible for or that are currently listed in the National Register of Historic Places? NO

2. Are their any cultural resources (archeological sites, buildings over 50 yr old) that have not been evaluated for the National Register? UNKNOWN

3. Does the facility Master Plan contain a cultural resources overlay that is utilized for planning purposes? NO

4. Is there an on-staff Cultural Resources Coordinator? NO

5. If not, does a staff person have cultural resources as "other duties as assigned"? NO

6. Does the facility have any archeological artifacts in storage? NO

7. Does the facility have in storage, or know of, any locations of Native American burials, cemeteries, or human remains? NO

8. Are there any areas on the facility considered to have religious importance to any Native American Tribe? UNKNOWN

RESPONSE

Section 3. Hazardous Materials Management

1. Has the facility conducted training for individuals working with hazardous materials? YES

2. Does the facility have an Oil and Hazardous Substances Contingency Plan (OHSCP)? YES

3. Does the facility store any extremely hazardous substances? NO

4. Does the facility store at one time 10,000 lb or more of any hazardous substances that requires a Material Safety Data Sheet (MSDS) (fuel is a hazardous substance which requires an MSDS)? NO

   (NOTE: Using water as a basis of measurement, 10,000 lb is approx. 1,250 gal.)

   Please list substances

   _____
   _____
   _____

5. Does the facility store any flammable/combustible liquids? YES

6. Does the facility store any compressed gases? NO

RESPONSE

Section 4. Hazardous Waste Management

1. Is the facility a generator of hazardous waste? No

2. Does the facility generate less than 100 kg [220.46 lb, approx. 28 gal] of hazardous waste in 1 mo? N.A.

3. Does the facility generate more than 100 kg [220.46 lb, approx. 28 gal] but less than 1000 kg [2204.62 lb, approx. 273 gal] of hazardous waste in 1 mo? N.A.

4. Does the facility generate more than 1000 kg [2204.62 lb, approx 273 gal] of hazardous waste in 1 mo? N.A.

RESPONSE

(NOTE: Any waste which is not excepted, which is listed in 40 CFR 261, or which exhibits the following characteristics is a hazardous waste:

- Ignitability (flash point <140 F) or
- Corrosivity (pH < 2 or > 12.5) or
- TCLP Toxicity (for As, Ba, Cd, Cr, Pb, Hg, Se, Ag, and selected pesticides or
- Reactive. (or CN).)

The following are hazardous wastes that may typically be found at a facility (check if used at this facility and indicate amount used):

- Solvents NO

(This includes trichloroethane, Methylene, Chloride, Tetrachloroethylene, 1,1,1 Trichloroethane, Carbon tetrachloride, Chlorinated Fluorocarbons, Toluene, MEK, Mineral spirits, and Xylene.)

- Liquid paint YES
- Paint stripper, remover or thinner NO
- Spray paint booth air filters NO
- Pesticides, insecticides, herbicides YES
- NRC filters and test kits NO
- Super tropical bleach NO
- Ordnance, ammunition, explosives and residues NO
- Battery acid and caustics in unserviceable batteries NO
- Pharmaceuticals NO
- POL tank farm fuel system filters NO
- De-icing solution NO
- Printing ink, ink solvents, and cleaners NO
- Absorbent material and soil contaminated with hazardous waste NO
- Other
- Other
- Other

5. What Hazardous Waste permits have been applied for? None

   Part A
   Part B
   Interim Status
   None needed

6. Does the facility accept wastes from other facilities for treatment, storage, or disposal? NO

7. Does the facility operate accumulation points? NO
   How many?
   Where?

RESPONSE

8. Does the facility operate satellite accumulation points? NO
   How many? _____

9. Does the facility treat hazardous waste onsite? NO

   How and where? _____

10. Does the facility store (temporary or long term) hazardous waste onsite at other than an accumulation point? NO

    Where? _____

11. Does the facility dispose of hazardous waste onsite? NO

    How and where? _____

RESPONSE

Section 5. Natural Resources Management

1. Does the facility have any outdoor recreation areas? (i.e., athletic fields, walking/hiking tracks, off-road vehicles tracks, etc.) — YES

2. Does the facility have a plan for managing its natural resources? — NO

3. Are there any areas on the facility that have: —

   A. Wetlands? If so, are they permitted/regulated by definition? YES / DON'T KNOW

   B. Flood Plains? YES
      25-yr ____
      50-yr ____ > DON'T KNOW
      100-yr ____

   C. Shoreline? YES

   D. Forests? YES

4. Has a survey to locate and identify threatened and endangered species and critical habitats been initiated? — NO

5. Does the facility have any endangered species on its property? — DON'T KNOW

RESPONSE

Section 6. Other Environmental Issues

1. Has the facility recently (within the past 5 yr) prepared, or is it in the process of preparing, and environmental assessment (EA) or environmental impact statement (EIS)? NO

   For current mission?

   For future Master Plan?

   Any construction projects, timber sales, etc.?

2. Does the facility have any operations that produce environmental noise or noise that goes outside the facility (i.e.,ranges, skeet ranges, helicopter pad, generators, highway transportation)? NO

3. Is the facility engaged in any real property transaction? UNKNOWN

RESPONSE

Section 7. Pesticide Management

1. Does the facility use pesticides? — YES

   Contractor application? _____
   In-house application? ✓
   Both contractor and in-house application? _____

2. Are any pesticide wastes disposed of at the facility? — NO

3. Are pesticides stored on the facility? — NO

   Please list locations.

   _____
   _____
   _____

4. What are the pesticides used at the facility? (Attach a separate list if necessary)

   Cross Bow EPA Reg No 62719-67
   Roundup " " " 524-475
   _____
   _____

5. Are pesticides used at offsite satellite facilities? — NO

6. Does the facility maintain a pesticide/entomology shop? — NO

   If YES, is it permitted by the state?

7. Is there an annual inventory available for review? — NO

   Pesticides are not kept on site.

RESPONSE

Section 8. Petroleum, Oil, and Lubricant (POL) Management

1. Does the facility have a current (3 yr old or less) Spill Prevention Control and Countermeasure (SPCC) plans? NO

2. Is the SPCC/ISC exercised annually (mock spill events conducted)? NO

3. Does the facility store used oil? NO

   Where?

   _____
   _____
   _____
   _____

4. Does the facility have any pipelines? NO

5. Does the facility operate any service stations? NO

RESPONSE

Section 9. Solid Waste Management

1. Does the facility have a solid waste management facility onsite? NO

TYPE	NUMBER
Landfill	
Incinerator	
Transfer Point	

2. Does the facility contract out the collection of its solid waste? NO

3. Does the facility have a: YES

solid waste recycling program? List commodities recycled:
CANS, BOTTLES

Construction debris landfill: NO
Is it permitted?
Operated by: _____

4. Is waste transported offsite for disposal? YES

In landfills?_____

In incinerators?_____ WHERE EVER CONTRACTR TAKES IT, VARIES.

Transfer Stations?_____

Recycling plant?_____

5. Does the facility dispose of ash residue or sludge: NO
Offsite?_____
Onsite?_____

6. Does the facility receive refuse from outside the United States? NO

If YES, is laboratory testing performed?_____

7. Does the facility operate battery shops, including charging areas within vehicle maintenance facilities? NO

If YES, how many? _____

RESPONSE

Section 10. Storage Tank Management

1. Does the facility have aboveground storage tanks (ASTs) used for the storage of petroleum products or hazardous waste? NO
(Attach additional page if necessary)

Location	Substance	Capacity

2. Does the facility have any USTs? NO

Location	Quantity	Size	Material Stored	Permitted

(Attach a separate inventory sheet if necessary)

3. Does the facility have any USTs out-of-service or abandoned? NO

4. Is there a program in place to manage unserviceable/abandoned tanks? N.A.

RESPONSE

Section 11. Toxic Substances Management

1. Has the facility conducted a survey for PCBs? NO

2. Are PCBs or PCB-contaminated oils in use or stored at the facility in:

   Transformers_____
   Capacitors_____
   Electromagnets_____
   Heat Transfer or Hydraulic Systems_____
   Circuit Breaker ✓
   Fluorescent Light Ballasts ✓
   Other_____

3. Does the facility dispose of PCBs or PCB items at the facility NO

4. Does the facility transport PCBs NO

5. Has the facility conducted a complete facility-wide asbestos survey? NO

6. Does an Asbestos Management Plan exist? NO

7. Is maintenance done on items insulated with asbestos? NO

8. Has the facility undergone any asbestos removal projects in the past? YES

   How long ago? ± 4 YEARS
   By contract or in-house? CONTRACT

9. Is there any asbestos on the facility that has been removed and is awaiting disposal? NO

10. Will the facility have any demolition, remodeling, or renovation projects underway at the time of the assessment? NO

    Please identify those projects and buildings.

    _____
    _____

RESPONSE

11. Is asbestos material removed by contract or in-house personnel? CONTRACT

12. Does the facility monitor for radon gas? YES

NOT ON AN ONGOING BASIS, WE HAVE TESTED IN PAST.

13. Is there a program to reduce radon threat? NO

14. Has the facility populace been informed of the final status? NO

15. Is the facility performing any lead based paint removal? NO

RESPONSE

Section 12. Wastewater Management

1. Does the facility have a National Pollutant Discharge Elimination System (NPDES) and/or State Pollutant Discharge Elimination System (SPDES) permit? Identify the types of discharges: ـــــ

   Stormwater runoff permits? ـــــ
   Drainage water from dredge and fill materials? ـــــ
   Wastewater treatment plant? ـــــ
   How many and what size? ـــــ
   Process wastewater? ـــــ
   Heat/Power production cooling blowdown water? ـــــ
   Stormwater runoff from fuel dispensing areas, airfields, and parking lots/aprons and maintenance facilities? ـــــ
   Vehicle wash facilities? How many? ـــــ
   Plating shops? ـــــ
   Does the facility maintain sedimentation holding ponds or seepage pits from vehicle/aircraft washing, maintenance shop drainage (shop operations and motor parks), and other activities? ـــــ
   Operate cooling towers and pass through water? ـــــ
   Septic Systems? yes
   Fresh water wetlands? ?
   Industrial waste system/discharge? ـــــ
   Lines which bypass treatment structures? ـــــ
   Other? ـــــ

2. Does the facility discharges into a publicly owned treatment works (POTW) any of the following? ـــــ

   Process wastewater? ـــــ
   Domestic (sanitary) wastewater? ـــــ
   Industrial wastewater treatment plant effluent? ـــــ
   Other? ـــــ

3. Are there any discharge bypass lines in the system? ـــــ

4. Does the facility have any sludge disposal areas from vehicles/equipment washing operations? ـــــ

   Is the sludge analyzed or characterized on a scheduled frequency prior to disposal?

5. What percent of vehicle maintenance is performed by contract? 0

   Is it performed onsite or offsite? ـــــ

RESPONSE

Section 13. Water Quality Management

1. Does the facility operate a public drinking water system? NO

2. Does the facility maintain wellheads? YES

3. Does the facility operate an underground injection well? NO

4. Are there groundwater aquifers on the facility? NOT KNOWN

   Are they in use? _____

5. Is the facility located on a sole source aquifer? NOT KNOWN

6. Are protective or preventative measures in place to prevent contamination of these aquifers? N.A.

7. Are field water purification units used? NO

   How is the backwash managed from these mobile units?

   _____
   _____
   _____
   _____

Signature of individual completing this form: _____

Date completed: 2/5/97

APPENDIX B:
Special Emphasis Areas List

To Basin Manager, NRB, TRB, MRB, UCRB

We have identified a few environmental compliance issues that will be emphasized during the upcoming FY 97 ERGO external assessment. These special emphasis areas include:

- Ozone depleting substances
  Review elimination plan and status of funding.

- Pollution Prevention Plan
  Check Basin strategies and project waste reduction worksheets.

- Hazardous waste manifest training
  Check to see if project employees have completed training and are designated.

- Very small systems operator training (water supply wells)
  Check to see if project staff meets current training requirements.

- Annual mock training for spill plans
  Review schedule of annual mock spill training exercises.

- Acquisition of spill materials
  Check to see if project spill materials are consistent with spill plan.

- Review of ASTs and USTs
  Check current tank status and review specs to meet EPA's spill, overflow and corrosion protection regulations.

- Underground injection control wells (UIC).
  Check to see that floor drains have been permanently sealed or connected to the septic system.

- Clean Air Act Title V permits
  Review calculations for determining the need for a permit.

Please provide any available documentation that you may have concerning these subjects with your completed Pre-Visit Questionnaire (PVQ). If you have already returned your PVQ to New England Division, we will look for the necessary information during the site visit.

Jeff Deyette
Operations Technical
Support Division

APPENDIX C:
Photographs

Photograph #1: Runoff erosion from the West Thompson Lake boat ramp parking lot.

Photograph #2: Side view of runoff erosion from the boat ramp parking lot at West Thompson Lake.

Photograph #3: Area of wetland fill in the State Park Headquarters parking lot at Mansfield Hollow Lake.

Photograph #4:

Erosion control measures at West Thompson Lake. This area is in preparation.

Photograph #5: Erosion control measures at West Thompson Lake. This area has been completed.